

DECLARATION FOR THE RECORD OF DECISION

Site Name and Location

Bowers Landfill Site
Circleville, Ohio

Statement of Basis and Purpose

This decision document presents the selected remedial action for the Bowers Landfill site in Circleville, Ohio, developed in accordance with CERCLA, as amended by SARA, and the National Contingency Plan. This decision is based on the administrative record for this site. The attached index identifies the items that comprise the administrative record upon which the selection of the remedial action is based.

The State of Ohio concurs with U.S. EPA's remedy selection. A letter of concurrence is attached to this Record of Decision.

Description of the Selected Remedy

The primary role of the Bowers Landfill RA is:

1. To properly close the site that has evidence of hazardous waste disposal; and
2. To address potential site risks.

Since the site has a very poor cover, site records indicate evidence of hazardous waste disposal and low levels of contamination were found, the site will be closed in accordance with Ohio Sanitary Landfill Closure standards. This will include installing a 4 ft. thick clay and soil cover over the landfill. Erosion and flood control measures, and drainage improvements will be included.

Potential risks are posed by ground water immediately downgradient of the site and exposure to contaminated soils on or near the landfill. The selected remedy will address the ground water threats by restricting future ground water use between the landfill and the Scioto river and by installing a clay cap that will reduce infiltration, reducing the likelihood of future ground water



contaminants. Additionally, because wastes will remain on-site, the selected remedy will provide for long term ground-water monitoring and corrective action measures should monitoring indicate unacceptable risks due to increased contamination. The selected remedy will address the soil threats by capping contaminated soils and limiting access to the landfill area.

The major components of the selected remedy are:

- Monitoring ground water
- Restrict site use and access
- Manage surface debris
- Improve erosion control, flood protection and drainage
- Install natural clay cover over landfill

Declaration

The selected remedy is protective of human health and the environment, attains Federal and State requirements that are applicable or relevant and appropriate to the remedial action, and is cost-effective. This remedy utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable for this site. Because treatment of the principal threats of the site was not found to be practicable, however, this remedy does not satisfy the statutory preference for treatment as principal element of the remedy.

Because this remedy will result in hazardous substances remaining on-site above health-based levels, a review will be conducted within five years after commencement of remedial action to ensure that the remedy continues to provide adequate protection of human health and the environment.

Frank M. Covington

for Valdas V. Adamkus, Regional Administrator
U.S. Environmental Protection Agency, Region V

3/31/89

Date